

# Weekly Report

## 1. Overview

This week, the majority of my time is spent to write a result visualization program and rebuild a map matching program from a well-known old paper. Because of spending my time for programming, I haven't written any sentence of my paper. Until now, the things we've done is listed as following:

- a) A result visualization program
- b) The collecting of several data sets of map-matching
- c) A data format conversion program
- d) A python program of map-matching

## 2. Paper Reading

《Hidden Markov map matching through noise and sparseness》

《Fast Hidden Markov Model Map-Matching for Sparse and Noisy Trajectories》

## 3. Time Distribution

| Date          | Tasks                   | Duration    | Time cost    |
|---------------|-------------------------|-------------|--------------|
| Mon. to Fri.. | Reading and Programming | 10:00-23:00 | 5X8=40 hours |
| Sat. to Sun.  | Reading and Programming | 12:00-23:00 | 2X6=12 hours |

I've worked for 52 hours this week.